

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,125

Source: IFWP

Date Processed by STIC: 7/26/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,125

TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

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3 <110> APPLICANT: Lye, Stephen
4     Dong, Xuesen
6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING A STEROID RECEPTOR
8 <130> FILE REFERENCE: MTS6USA
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/586,125
C--> 11 <141> CURRENT FILING DATE: 2006-07-14
13 <150> PRIOR APPLICATION NUMBER: 60/536,598
14 <151> PRIOR FILING DATE: 2004-01-15
16 <160> NUMBER OF SEQ ID NOS: 22
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 707
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <300> PUBLICATION INFORMATION:
26 <308> DATABASE ACCESSION NO: P23246
27 <309> DATABASE ENTRY DATE: 2004-06-15
28 <313> RELEVANT RESIDUES: (1)..(707)
30 <300> PUBLICATION INFORMATION:
31 <308> DATABASE ACCESSION NO: CAA50283
32 <309> DATABASE ENTRY DATE: 1993-11-22
33 <313> RELEVANT RESIDUES: (1)..(707)
35 <300> PUBLICATION INFORMATION:
36 <308> DATABASE ACCESSION NO: NP_005057
37 <309> DATABASE ENTRY DATE: 2004-10-28
38 <313> RELEVANT RESIDUES: (1)..(707)
40 <400> SEQUENCE: 1
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43 1           5           10          15
46 His Arg Arg Gly Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg
47           20           25           30
50 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
51           35           40           45
54 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
55           50           55           60
58 Pro His Gln Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
59 65           70           75           80
62 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
63           85           90           95
66 Gln Gln Pro Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
67           100          105          110
70 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
71           115          120          125

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74 Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly
75      130      135      140
78 Ser Gly Pro Gly Pro Thr Pro Thr Pro Pro Pro Ala Val Thr Ser Ala
79 145      150      155      160
82 Pro Pro Gly Ala Pro Pro Pro Thr Pro Pro Ser Ser Gly Val Pro Thr
83      165      170      175
86 Thr Pro Pro Gln Ala Gly Gly Pro Pro Pro Pro Ala Ala Val Pro
87      180      185      190
90 Gly Pro Gly Pro Gly Pro Lys Gln Gly Pro Gly Pro Gly Gly Pro Lys
91      195      200      205
94 Gly Gly Lys Met Pro Gly Gly Pro Lys Pro Gly Gly Gly Pro Gly Leu
95      210      215      220
98 Ser Thr Pro Gly Gly His Pro Lys Pro Pro His Arg Gly Gly Gly Glu
99 225      230      235      240
102 Pro Arg Gly Gly Arg Gln His His Pro Pro Tyr His Gln Gln His His
103      245      250      255
106 Gln Gly Pro Pro Pro Gly Gly Pro Gly Gly Arg Ser Glu Glu Lys Ile
107      260      265      270
110 Ser Asp Ser Glu Gly Phe Lys Ala Asn Leu Ser Leu Leu Arg Arg Pro
111      275      280      285
114 Gly Glu Lys Thr Tyr Thr Gln Arg Cys Arg Leu Phe Val Gly Asn Leu
115      290      295      300
118 Pro Ala Asp Ile Thr Glu Asp Glu Phe Lys Arg Leu Phe Ala Lys Tyr
119 305      310      315      320
122 Gly Glu Pro Gly Glu Val Phe Ile Asn Lys Gly Lys Gly Phe Gly Phe
123      325      330      335
126 Ile Lys Leu Glu Ser Arg Ala Leu Ala Glu Ile Ala Lys Ala Glu Leu
127      340      345      350
130 Asp Asp Thr Pro Met Arg Gly Arg Gln Leu Arg Val Arg Phe Ala Thr
131      355      360      365
134 His Ala Ala Ala Leu Ser Val Arg Asn Leu Ser Pro Tyr Val Ser Asn
135      370      375      380
138 Glu Leu Leu Glu Glu Ala Phe Ser Gln Phe Gly Pro Ile Glu Arg Ala
139 385      390      395      400
142 Val Val Ile Val Asp Asp Arg Gly Arg Ser Thr Gly Lys Gly Ile Val
143      405      410      415
146 Glu Phe Ala Ser Lys Pro Ala Ala Arg Lys Ala Phe Glu Arg Cys Ser
147      420      425      430
150 Glu Gly Val Phe Leu Leu Thr Thr Thr Pro Arg Pro Val Ile Val Glu
151      435      440      445
154 Pro Leu Glu Gln Leu Asp Asp Glu Asp Gly Leu Pro Glu Lys Leu Ala
155      450      455      460
158 Gln Lys Asn Pro Met Tyr Gln Lys Glu Arg Glu Thr Pro Pro Arg Phe
159 465      470      475      480
162 Ala Gln His Gly Thr Phe Glu Tyr Glu Tyr Ser Gln Arg Trp Lys Ser
163      485      490      495
166 Leu Asp Glu Met Glu Lys Gln Gln Arg Glu Gln Val Glu Lys Asn Met
167      500      505      510
170 Lys Asp Ala Lys Asp Lys Leu Glu Ser Glu Met Glu Asp Ala Tyr His

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171          515          520          525
174 Glu His Gln Ala Asn Leu Leu Arg Gln Asp Leu Met Arg Arg Gln Glu
175          530          535          540
178 Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg
179 545          550          555          560
182 Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Arg Glu Glu
183          565          570          575
186 Glu Met Met Ile Arg Gln Arg Glu Met Glu Glu Gln Met Arg Arg Gln
187          580          585          590
190 Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg
191          595          600          605
194 Asp Met Arg Met Gly Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr
195          610          615          620
198 Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Ile
199 625          630          635          640
202 Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser
203          645          650          655
206 Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Gly Ala
207          660          665          670
210 Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro
211          675          680          685
214 Ala Gly Tyr Gly Arg Gly Arg Glu Glu Tyr Glu Gly Pro Asn Lys Lys
215          690          695          700
218 Pro Arg Phe
219 705
222 <210> SEQ ID NO: 2
223 <211> LENGTH: 707
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <300> PUBLICATION INFORMATION:
228 <308> DATABASE ACCESSION NO: AAH51192
229 <309> DATABASE ENTRY DATE: 2004-06-30
230 <313> RELEVANT RESIDUES: (1)..(707)
232 <400> SEQUENCE: 2
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235 1          5          10          15
238 His Arg Arg Gly Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg
239          20          25          30
242 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
243          35          40          45
246 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
247          50          55          60
250 Pro His Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
251 65          70          75          80
254 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
255          85          90          95
258 Gln Gln Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
259          100          105          110
262 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Thr Pro Pro Ala Ser

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263          115          120          125
266 Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly
267          130          135          140
270 Ser Gly Pro Gly Pro Thr Pro Thr Pro Pro Pro Ala Val Thr Ser Ala
271 145          150          155          160
274 Pro Pro Gly Ala Pro Pro Pro Thr Pro Pro Ser Ser Gly Val Pro Thr
275          165          170          175
278 Thr Pro Pro Gln Ala Gly Gly Pro Pro Pro Pro Pro Ala Ala Val Pro
279          180          185          190
282 Gly Pro Gly Pro Gly Pro Lys Gln Gly Pro Gly Pro Gly Gly Pro Lys
283          195          200          205
286 Gly Gly Lys Met Pro Gly Gly Pro Lys Pro Gly Gly Gly Pro Gly Leu
287          210          215          220
290 Ser Thr Pro Gly Gly His Pro Lys Pro Pro Arg Arg Gly Gly Gly Glu
291 225          230          235          240
294 Pro Arg Gly Gly Arg Gln His His Pro Pro Tyr His Gln Gln His His
295          245          250          255
298 Gln Gly Pro Pro Pro Gly Gly Pro Gly Gly Arg Ser Glu Glu Lys Ile
299          260          265          270
302 Ser Asp Ser Glu Gly Phe Lys Ala Asn Leu Ser Leu Leu Arg Arg Pro
303          275          280          285
306 Gly Glu Lys Thr Tyr Thr Gln Arg Cys Arg Leu Phe Val Gly Asn Leu
307          290          295          300
310 Pro Ala Asp Ile Thr Glu Asp Glu Phe Lys Arg Leu Phe Ala Lys Tyr
311 305          310          315          320
314 Gly Glu Pro Gly Glu Val Phe Ile Asn Lys Gly Lys Gly Phe Gly Phe
315          325          330          335
318 Ile Lys Leu Glu Ser Arg Ala Leu Ala Glu Ile Ala Lys Ala Glu Leu
319          340          345          350
322 Asp Asp Thr Pro Met Arg Gly Arg Gln Leu Arg Val Arg Phe Ala Thr
323          355          360          365
326 His Ala Ala Ala Leu Ser Val Arg Asn Leu Ser Pro Tyr Val Ser Asn
327          370          375          380
330 Glu Leu Leu Glu Glu Ala Phe Ser Gln Phe Gly Pro Ile Glu Arg Ala
331 385          390          395          400
334 Val Val Ile Val Asp Asp Arg Gly Arg Ser Thr Gly Lys Gly Ile Val
335          405          410          415
338 Glu Phe Ala Ser Lys Pro Ala Ala Arg Lys Ala Phe Glu Arg Cys Ser
339          420          425          430
342 Glu Gly Val Phe Leu Leu Thr Thr Thr Pro Arg Pro Val Ile Val Glu
343          435          440          445
346 Pro Leu Glu Gln Leu Asp Asp Glu Asp Gly Leu Pro Glu Lys Leu Ala
347          450          455          460
350 Gln Lys Asn Pro Met Tyr Gln Lys Glu Arg Glu Thr Pro Thr Arg Phe
351 465          470          475          480
354 Ala Gln His Gly Thr Phe Glu Tyr Glu Tyr Ser Gln Arg Trp Lys Ser
355          485          490          495
358 Leu Asp Glu Met Glu Lys Gln Gln Arg Glu Gln Val Glu Lys Asn Met
359          500          505          510

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362 Lys Asp Ala Lys Asp Lys Leu Glu Ser Glu Met Glu Asp Ala Tyr His
363      515      520      525
366 Glu His Gln Ala Asn Leu Leu Arg Gln Asp Leu Met Arg Arg Gln Glu
367      530      535      540
370 Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg
371 545      550      555      560
374 Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Arg Glu Glu
375      565      570      575
378 Glu Met Met Ile Arg Gln Arg Glu Met Glu Asp Gln Met Arg Arg Gln
379      580      585      590
382 Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg
383      595      600      605
386 Asp Met Arg Met Gly Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr
387      610      615      620
390 Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Ile
391 625      630      635      640
394 Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser
395      645      650      655
398 Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Gly Ala
399      660      665      670
402 Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro
403      675      680      685
406 Ala Gly Tyr Gly Arg Gly Arg Glu Glu Tyr Glu Gly Pro Asn Lys Lys
407      690      695      700
410 Pro Arg Phe
411 705
414 <210> SEQ ID NO: 3
415 <211> LENGTH: 669
416 <212> TYPE: PRT
417 <213> ORGANISM: Homo sapiens
419 <400> SEQUENCE: 3
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422 1      5      10      15
425 His Arg Arg Gly Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg
426      20      25      30
429 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
430      35      40      45
433 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
434      50      55      60
437 Pro His Gln Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
438 65      70      75      80
441 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
442      85      90      95
445 Gln Gln Pro Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
446      100      105      110
449 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
450      115      120      125
453 Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly
454      130      135      140

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006

TIME: 14:28:00

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date